N 3

Input cell

Output cell

Bi-directional cell

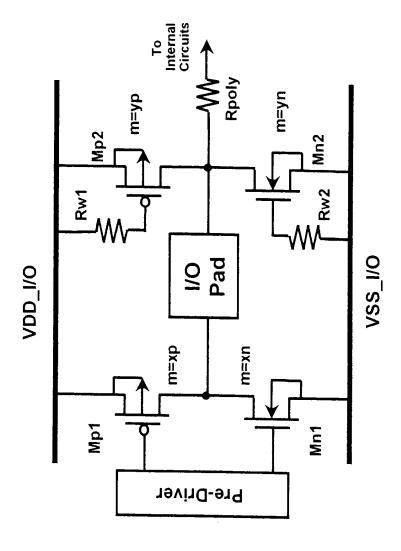


Fig.1(c) Prior Art

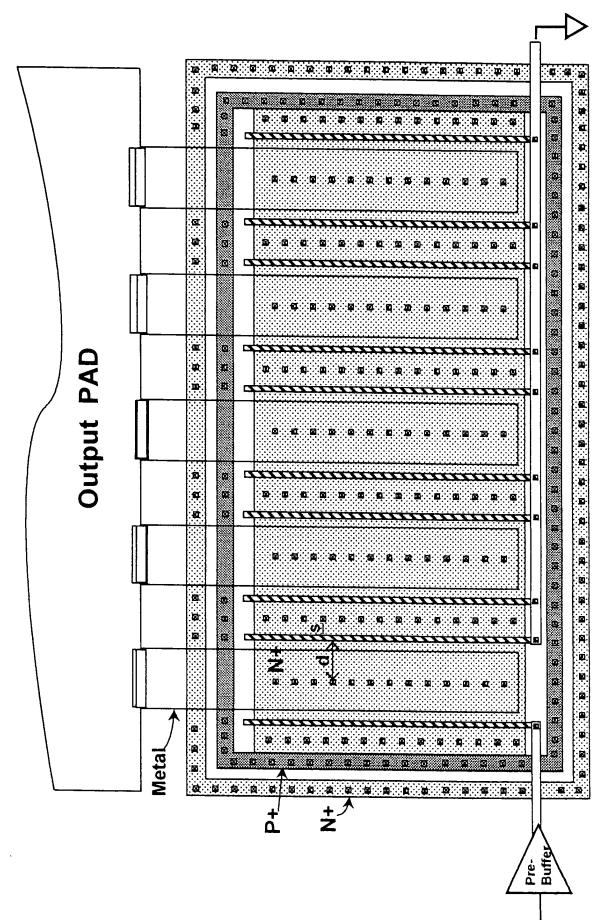


Fig.2(a) Prior Art

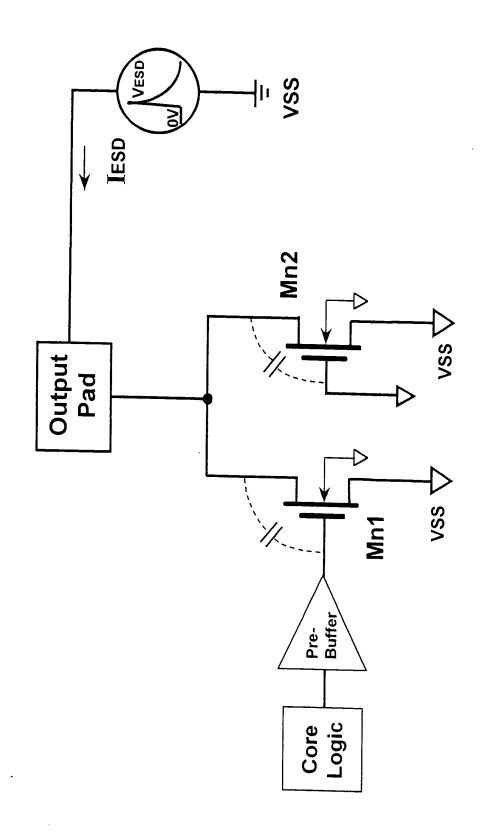
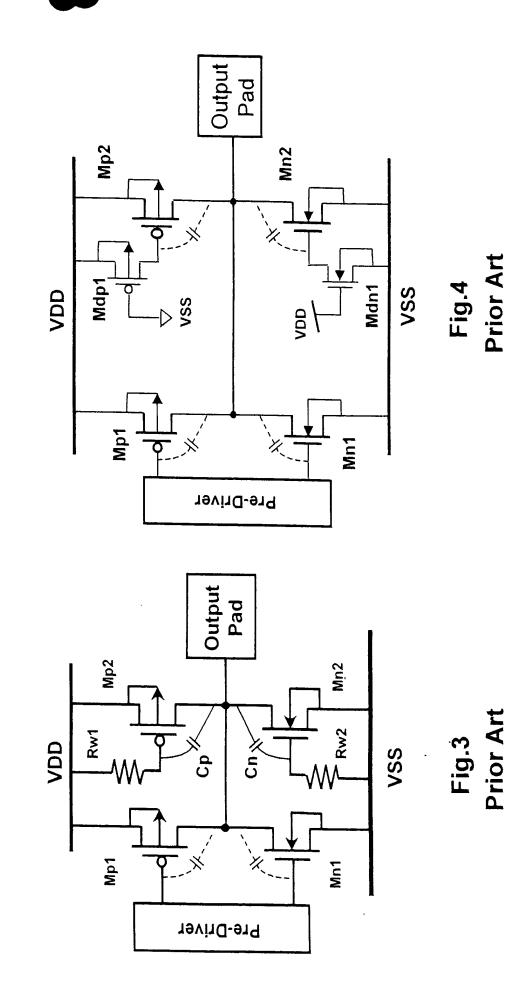


Fig.2(b) Prior Art



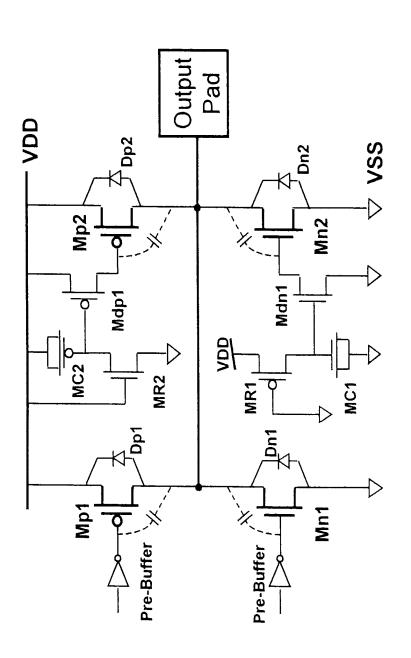


Fig.5 Prior Art

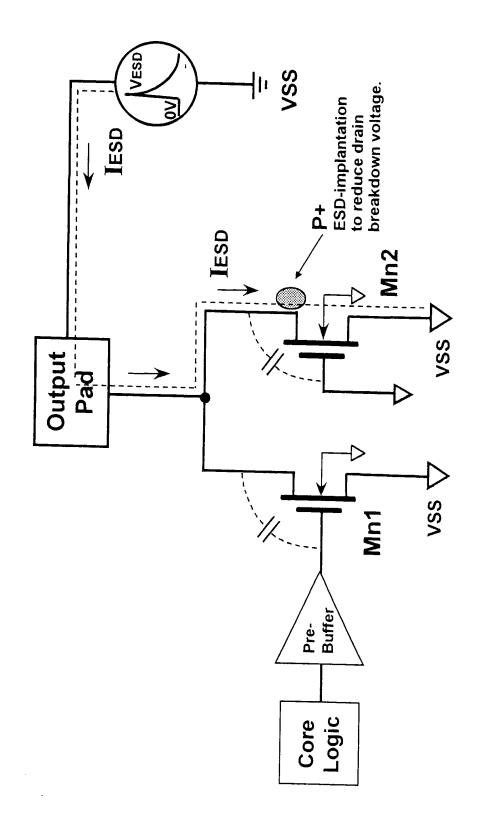


Fig.6(a) Prior Art

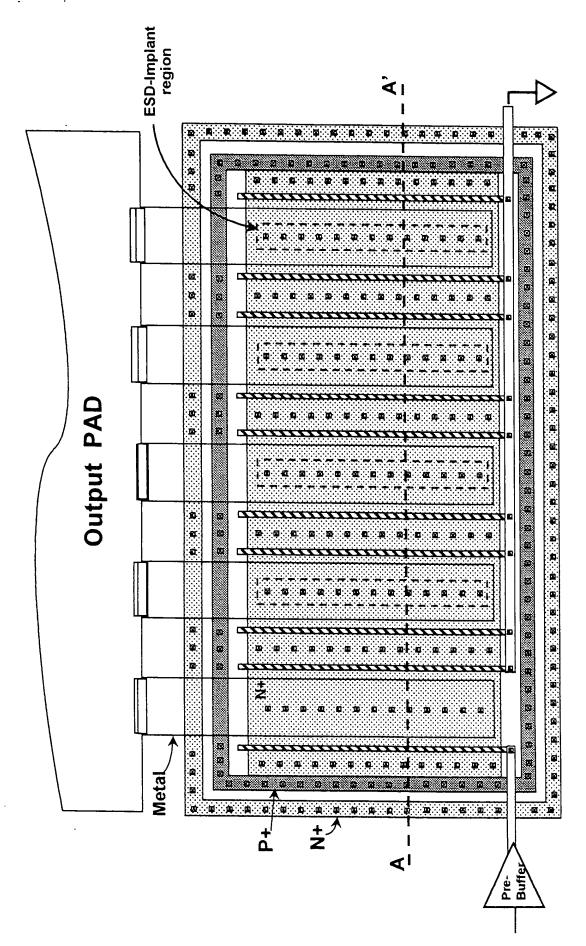


Fig.6(b) Prior Art

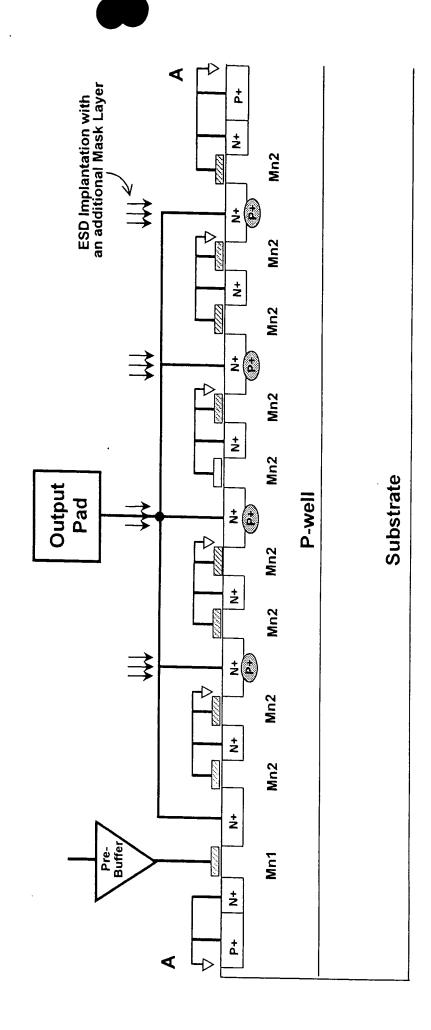


Fig.6(c) Prior Art

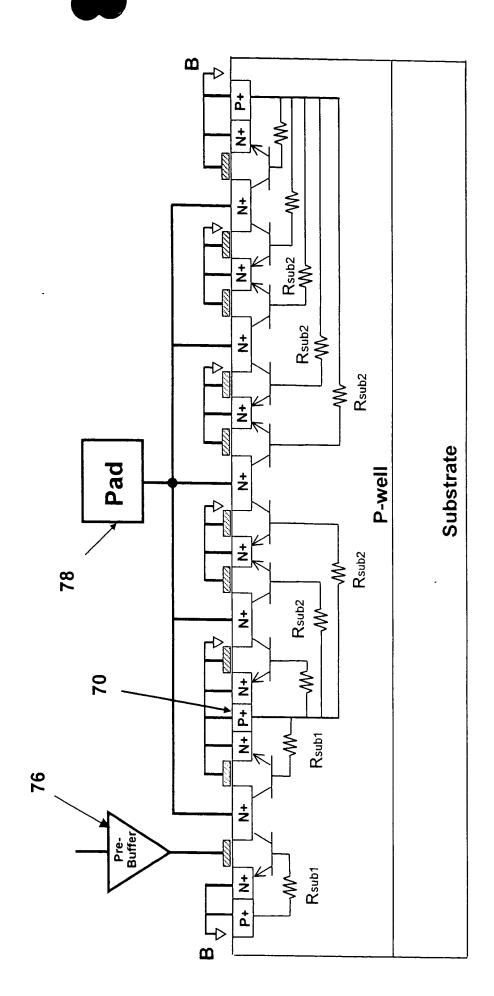


Fig.7(a)

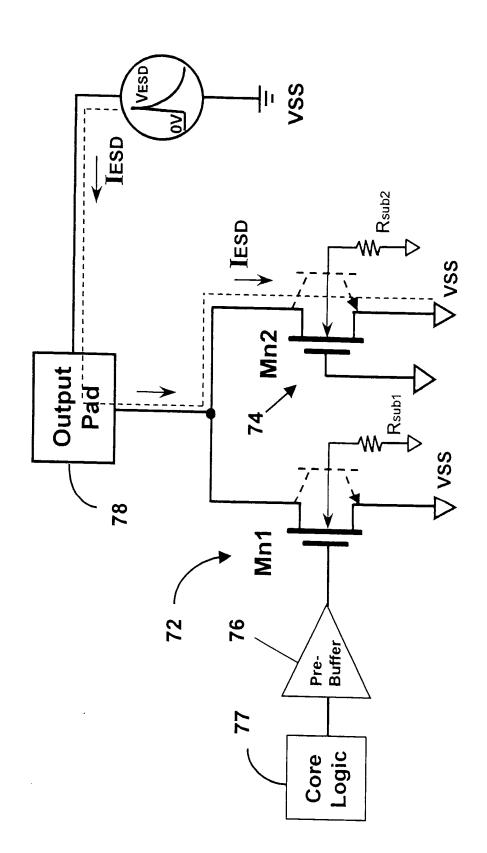


Fig. 7(b

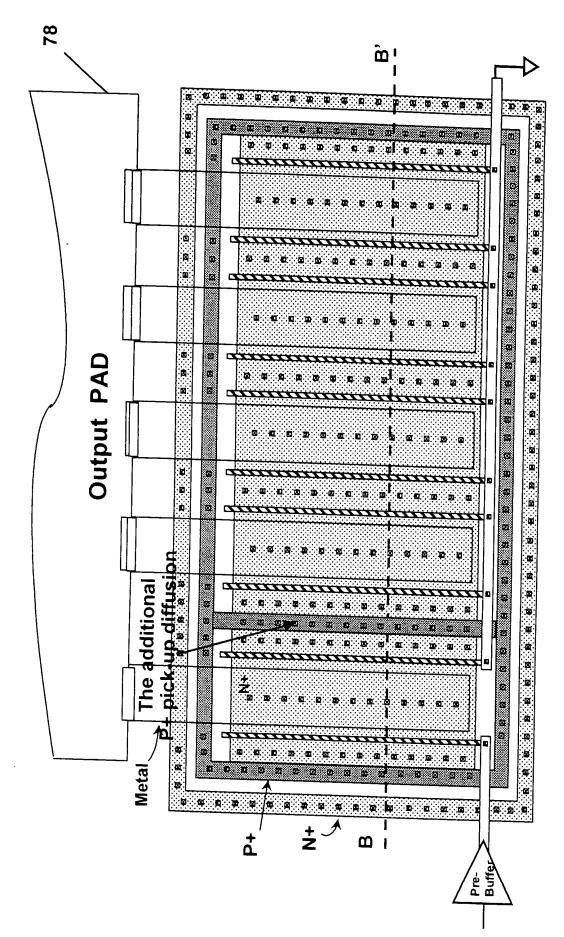


Fig.7(c

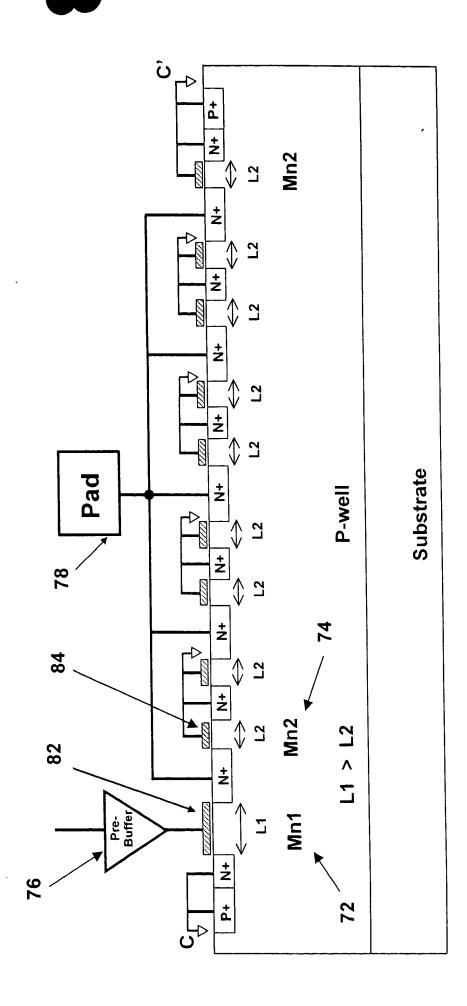


Fig. 8(a)

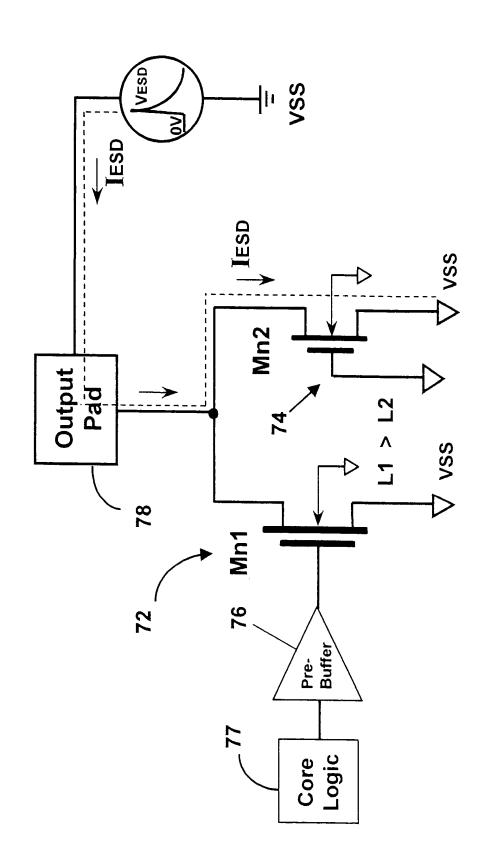


Fig.8(b)

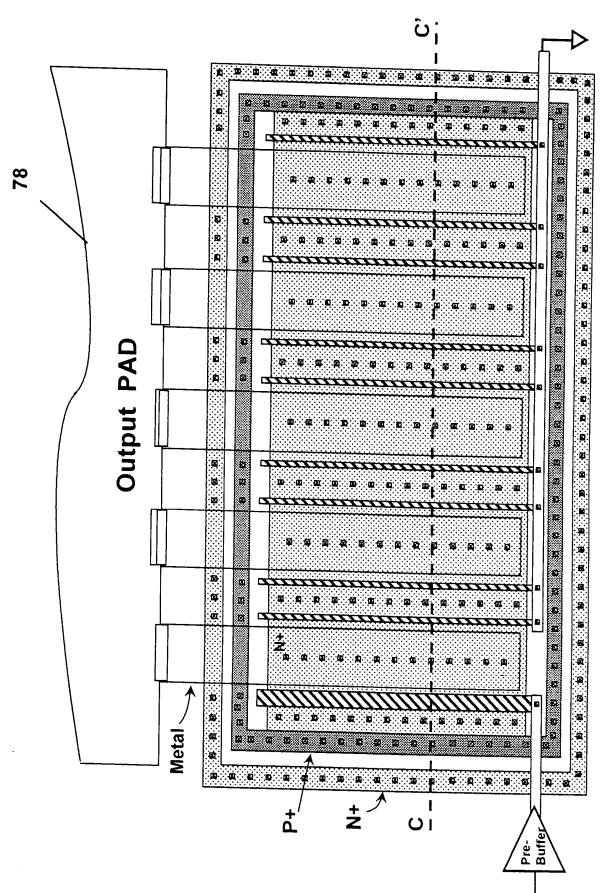


Fig.8(c)

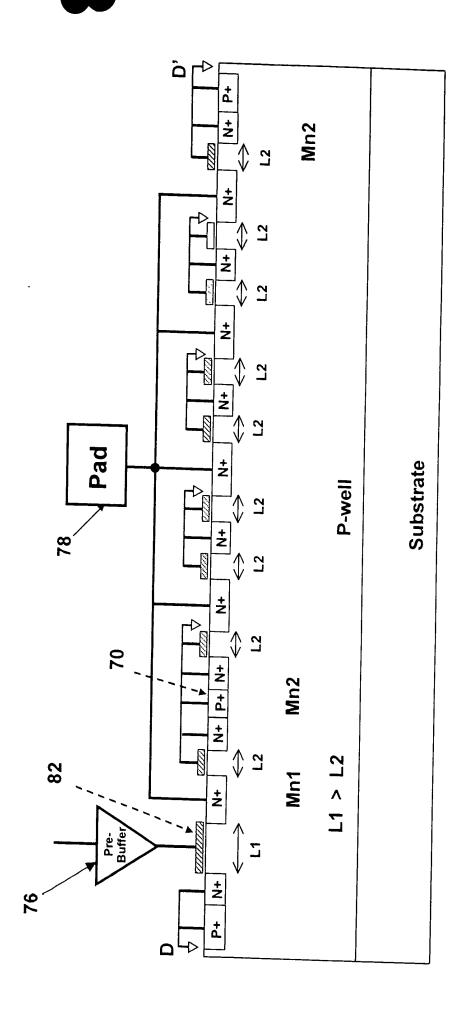


Fig.9(a)

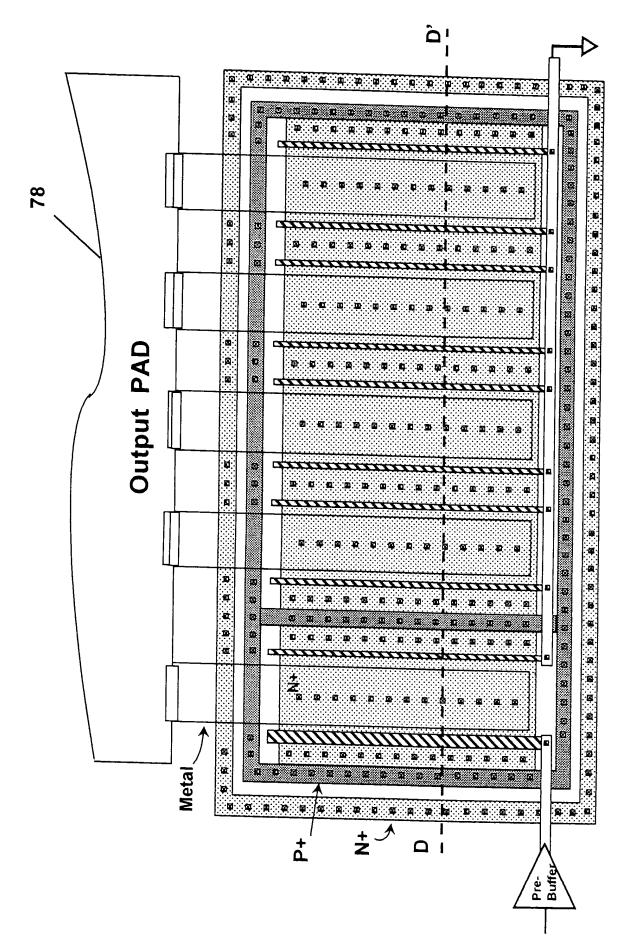


Fig. 9(b)

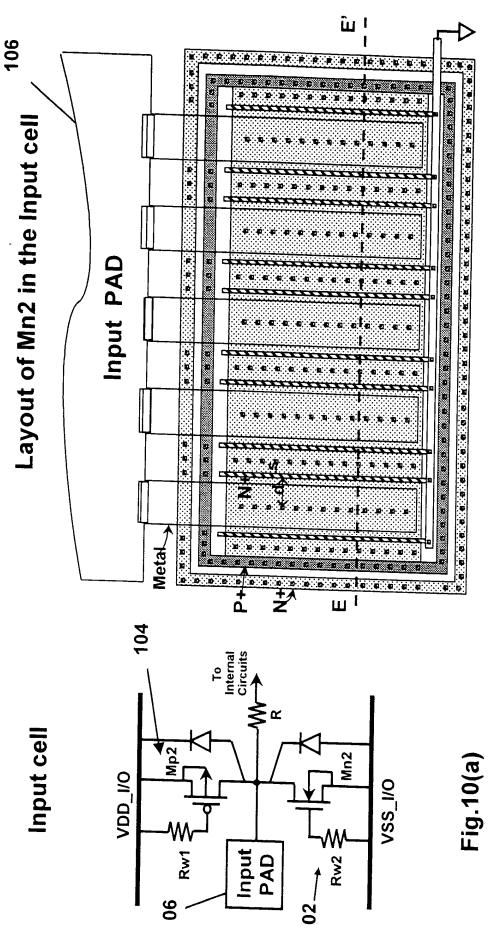


Fig.10(b)

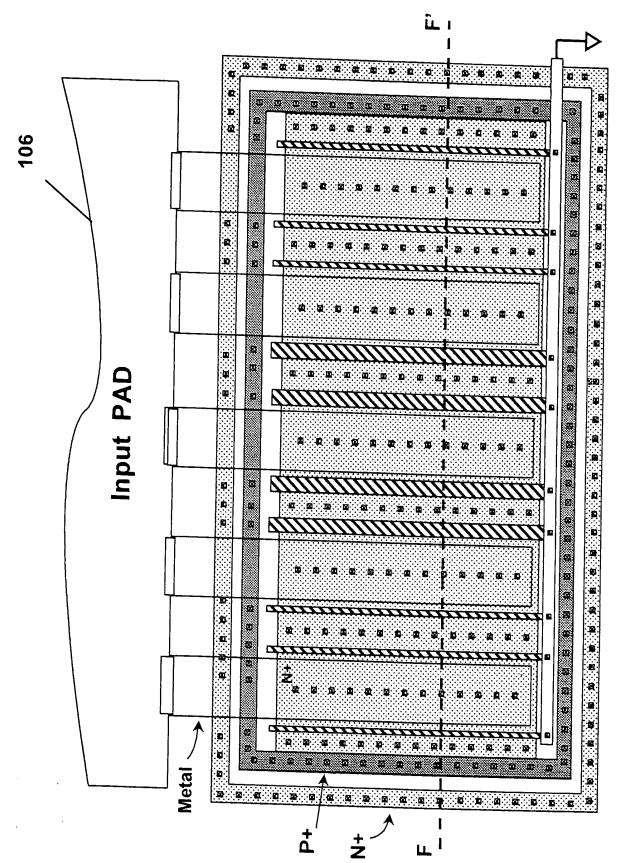


Fig.11(a)

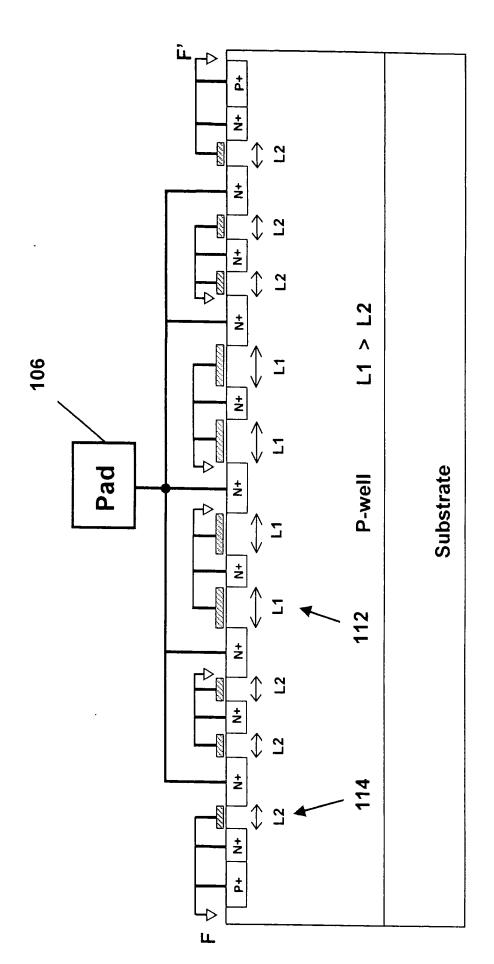


Fig.11(b)

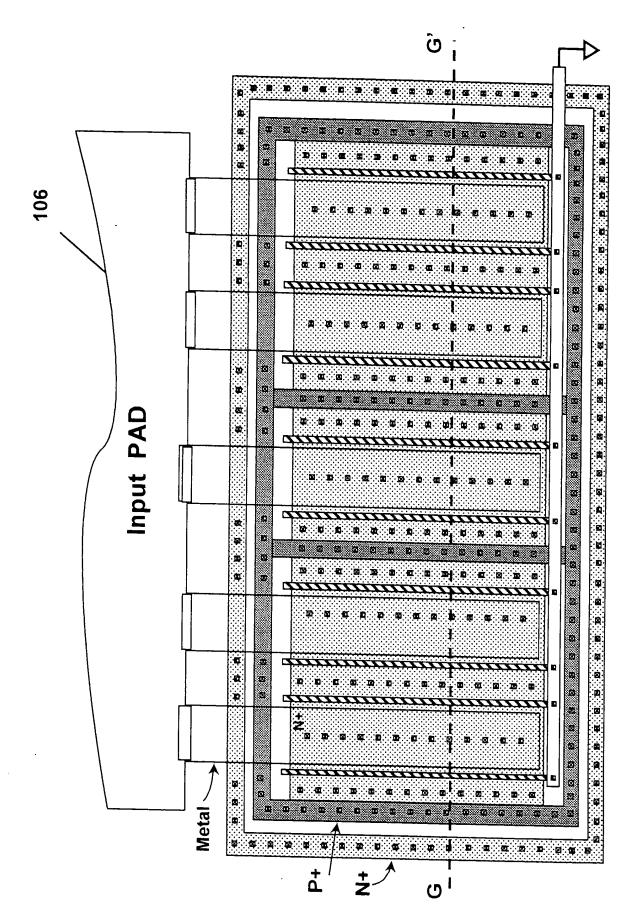


Fig.12(a)

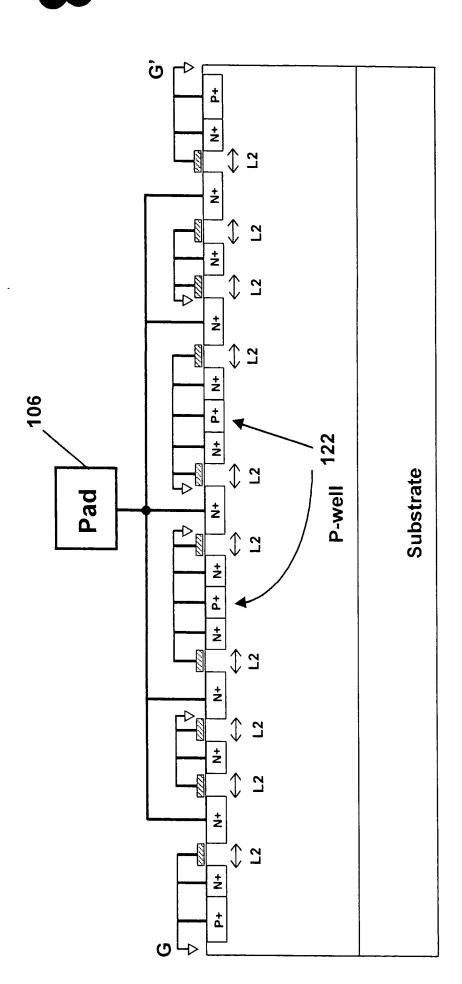


Fig.12(b)

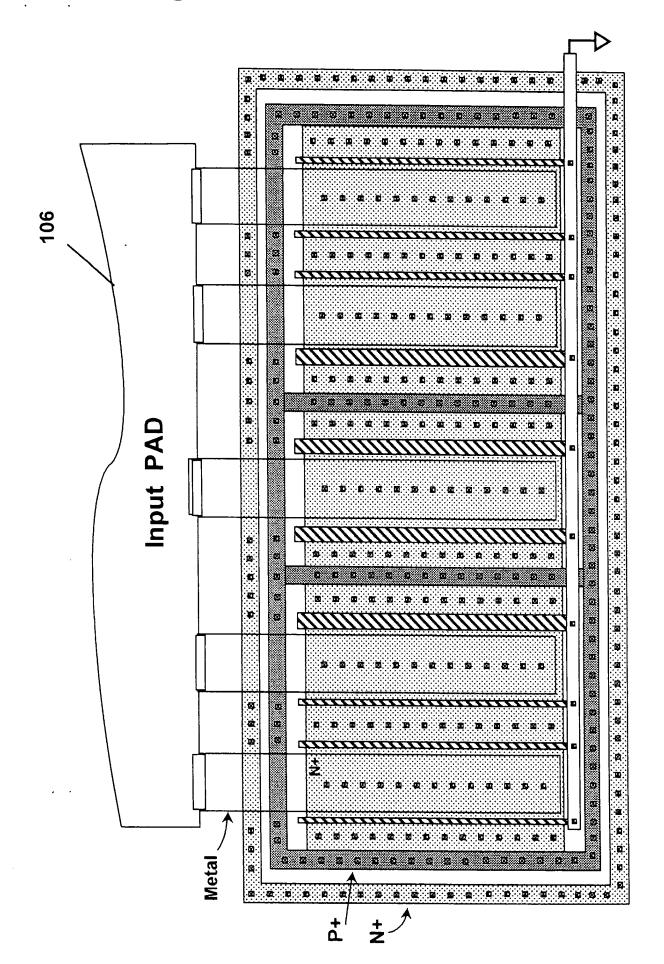


Fig. 13

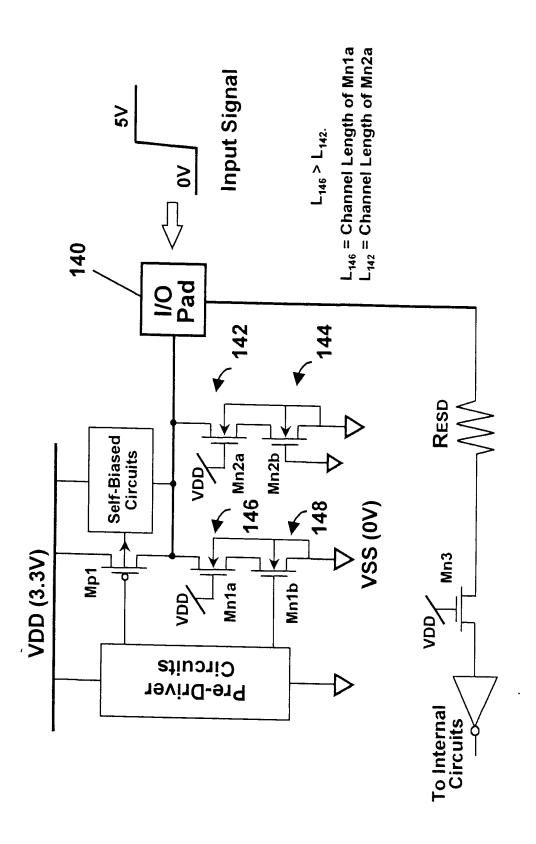


Fig.14(a)

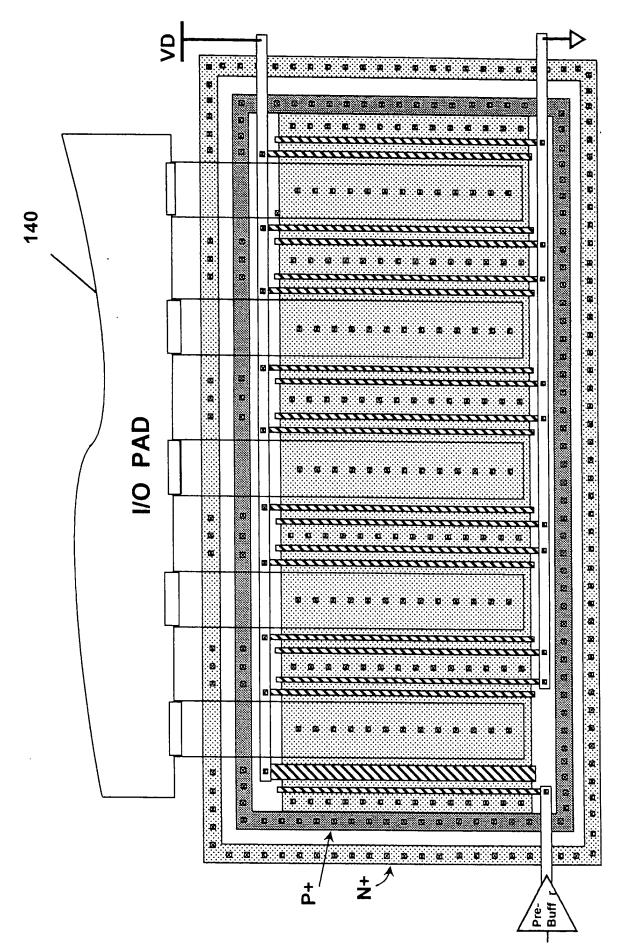


Fig.14(b)